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IDEA-0251-71
Copy ____ of ____

21 June 1971

MEMORANDUM FOR: Deputy for Operations, OSA
THROUGH : Chief, SAS/O/OSA
SUBJECT : Program Progress Report

Attached is the Program Progress Report on the
Aero Medical and Life Support Activities for the period
1 April 1971 thru 30 June 1971 for the Aero Medical Staff,
OSA.

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Chief, Aero Medical Staff
Office of Special Activities

Attachment
As stated above

AMS/OSA (21 Jun 71)
Distribution

- 1 - Adlee w/att
- 2 - AMS/OSA "
- 3 - " "
- 4 - RB/OSA w/o att

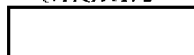
USAF review(s)
completed.

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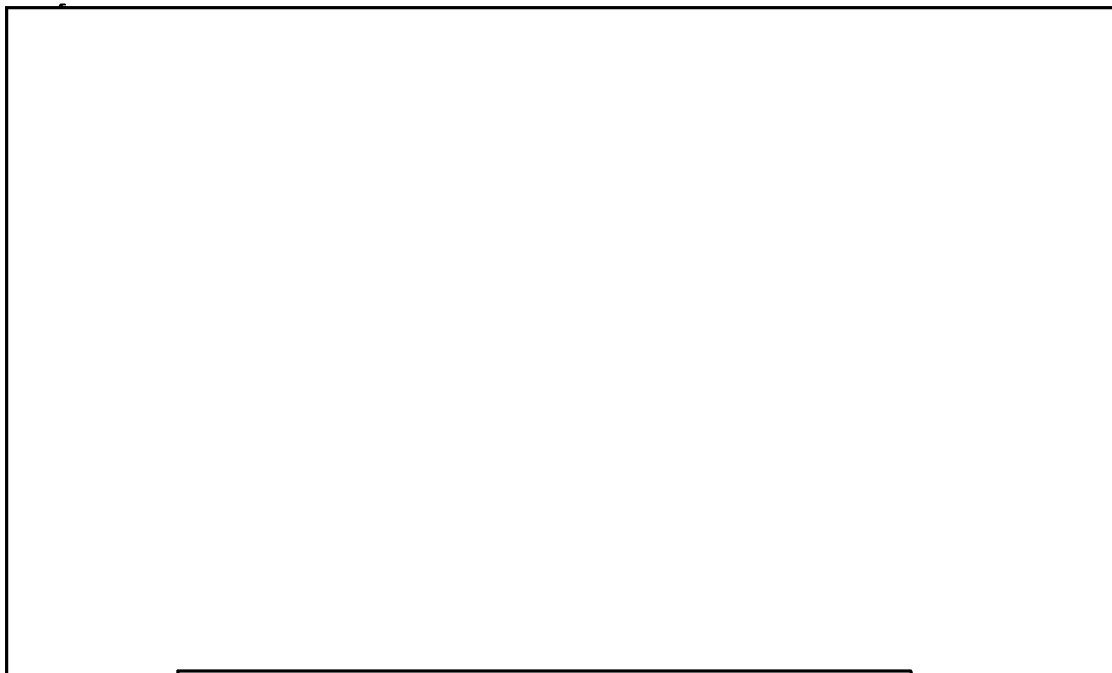
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21 June 1971

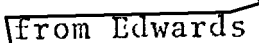
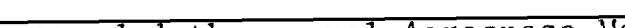
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AERO MEDICAL AND LIFE SUPPORT ACTIVITIES

1 April 1971 thru 30 June 1971

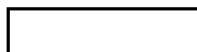
IDEALISTA. Non-Routine Medical Activities

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2.  from Edwards AFB attended the annual Aerospace Medical Association Meeting in Houston, Texas.

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GROUP 1
Excluded from automatic
downgrading and
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7. We should like to mention the tremendous number of hours of inter-Agency support given us by OMS (Psychological Services and Psychiatric Staffs), [redacted] Office of Security, [redacted] and others. We are duly grateful and would believe that this is as things should be.

B. Life Support Equipment

1. Six-Line Release

The test program covering ECP U-2R-61 concerning control of personnel parachutes is now progressing well. The whirl-tower tests at El Centro, California, have been completed, the test parachutists have been fit with the full-pressure suits, and live jumps from 13,000 feet began during the second week of June 1971.

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2. Tube Food Warmer

Discussions were held at Advanced Development Projects (ADP) Division, LAC, Burbank, California, with [] in mid-May in reference to the Tube Food Warmer ECP. Apparently the test item failed in that the food warmer temperature was elevated to the point of rupturing the tubes. A time delay relay will be installed in the production model set for approximately 140° F and fifteen (15) minutes. If successful in tests, this device should be installed in the articles and the item closed as an order of business.

3. Neck Dams for S1010 PPA

Neck dams are being fabricated at the David Clark Company for insertion in one of the pockets of the S1010 PPA. This dam can be placed over the head (when the pressure suit helmet is removed) and attached to the neck ring. With such a dam, the pilot does not need to concern himself with taking on water in the pressure suit if he inadvertently falls out of his one-man raft. Similar dams to be placed on the wrists are also being fabricated at this time.

4. Rucksack Modification

The rucksack inflation device inside the -2A survival seat kit has been failing the four (4)-hour leak check performed at ADP as a part of the final functional check after IRAN of the seat kit. A recent ECP from ARO of Buffalo has been approved which will alleviate this leading problem and speeding up of the IRAN turn-around time for seat kits.

5. Partial Pressure-Suit Inventory

A recent survey and inventory list of partial pressure-suit life-support equipment has been forwarded to Warner Robins Depot. This equipment is to be turned over to WRAMA in support of the U-2C in the Earth Resources Project.

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6. Parasail Platform

A new parasail launch platform was fabricated in June, 1971 [REDACTED] for training of both SAC pressure suit pilots and IDEALIST pilots.

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C. TRAINING



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2. Dilbert Dunker Training

"Dilbert Dunker" training was successfully completed for IDEALIST pilots at MIRAMAR Naval Air Station, San Diego, California, in preparation for "Blue Gull" training in August 1971.

3. Parasail Training

Parasail pressure-suit indoctrination was provided SR-71 and U-2R pilots [REDACTED] during the last two (2) weeks of June 1971. Additionally, three (3) IDEALIST pilots were also trained [REDACTED]

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